YAO-3950 PATENT

\mathcal{C}	/
---------------	---

1

8

9

10

11

12

13

14

15

21 a second interconnect selectively provided on the second interlayer 22 insulating film and electrically connected to the first interconnect through a second 23 contact hole formed in the second interlayer insulating film; and

a passivation layer provided so as to cover the second interconnect.

30. (Amended) A semiconductor device, comprising:

a capacitor provided on a supporting substrate having an integrated circuit thereon and including a lower electrode, a dielectric film, and an upper electrode, said dielectric film including a remnant polarization of approximately $10 \mu \text{C/cm}^2$;

a first interlayer insulating film provided so as to directly cover the capacitor;

a first interconnect selectively provided on the first interlayer insulating film and electrically connected to the integrated circuit and the capacitor through a first contact hole formed in the first interlayer insulating film;

a second interlayer insulating film having a tensile stress provided so as to directly cover the first interconnect and the first interlayer insulating film;

a second interconnect selectively provided on the second interlayer insulating film and electrically connected to the first interconnect through a second contact hole formed in the second interlayer insulating film; and

a passivation layer provided so as to cover the second interconnect.

31. (Amended) A semiconductor device, comprising:

a capacitor provided on a supporting substrate having an integrated circuit thereon and including a lower electrode, a dielectric film, and an upper electrode, said dielectric film including a remnant polarization of at least 10 μ C/cm²;

a first interlayer insulating film provided so as to directly cover the capacitor;

5

6

7

8

9

10

11

12

13 14 a first interconnect selectively provided on the first interlayer insulating film and electrically connected to the integrated circuit and the capacitor through a first contact hole formed in the first interlayer insulating film;

- 3 -

a second interlayer insulating film having a tensile stress provided so as to directly cover the first interconnect and the first interlayer insulating film;

a second interconnect selectively provided on the second interlayer insulating film and electrically connected to the first interconnect through a second contact hole formed in the second interlayer insulating film; and

a passivation layer provided so as to cover the second interconnect.

Please cancel claim 2.

Please add claim 32.

Newly

32 (Newly Added) A semiconductor device, comprising:

a capacitor provided on a supporting substrate having an integrated circuit thereon and including a lower electrode, a dielectric film, and an upper electrode;

a first interlayer insulating film provided so as to directly cover the capacitor, the first interlayer insulating film having a tensile stress;

a first interconnect selectively provided on the first interlayer insulating film and electrically connected to the integrated circuit and the capacitor through a first contact hole formed in the first interlayer insulating film;

a second interlayer insulating film having a tensile stress provided so as to directly cover the first interconnect and the first interlayer insulating film;

a second interconnect selectively provided on the second interlayer insulating film and electrically connected to the first interconnect through a second contact hole formed in the second interlayer insulating film, and

15